SONY

3-754-846-11(2)

Compact Disc Player

Operating Instructions
Mode d'emploi
Manual de instrucciones
Manual de instruções

~~CDP-M33~~

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Warning

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

This Compact Disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the rear exterior.

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Owner's Record

The model and serial numbers are located at the rear. Record these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

Avertissement

Afin d'éviter tout risque d'incendie ou d'électrocution, ne pas exposer cet appareil à la pluie ou à l'humidité.
Afin d'écarter tout risque d'électrocution, garder le coffret fermé. Ne confier l'entretien de l'appareil qu'à un technicien qualifié.

Cet appareil contient un composant laser qui peut émettre des radiations dépassant la limite de la Classe 1.

Ce lecteur de disque compact est classé parmi les produits de CLASSE 1 LASER.
L'étiquette CLASS 1 LASER PRODUCT se trouve à l'arrière de l'appareil, sur l'extérieur.

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Table of Contents

Warning 2
Table of contents 4

Chapter 1 Introduction
Safety precautions 6
Overview 8

Chapter 2 Getting Started
Unpacking 10
- Choosing a good location 10
- Checking the supplied accessories 10
- Setting the voltage selector 10

Hooking up the system 12
- Notes on connection 12

Identifying the parts 14
- Front panel 14

Chapter 3 Basic Operations
Playing a disc 16
- Inserting a disc 16
- Playing the entire disc 18
- Information display 18
- Locating a particular selection 20
- Locating a particular point in a selection 20
- Playing a selection from the beginning – Auto cue 22

Playing selections in a random order 24
- Shuffle play 24
- Delete shuffle play 26

Playing in a desired order 28
- Program play 28

Playing only desired selections 32
- Delete play 32

Playing the beginning of each selection 34
- Music scan play 34
- Music scan delete play 36

Playing repeatedly 38
- Repeat play 38

Fading in/fading out 40

Chapter 4 Advanced Operation
Recording a program 42
- Programming and recording 42

Designating the total playing time 46
- Operating time edit/just edit 46
- Playing the program 50

Fading out at the desired time – Time fade 52
Locating the portion with the highest level
- Peak search 54

Inserting a blank space between selections
- Auto space 54

Chapter 5 Additional information
Maintenance 56
- Cleaning your unit 56
- Cleaning discs 56

Specifications 56
Troubleshooting guide 58

Table des matières

Avertissement 2
Table des matières 4

Chapitre 1 Introduction
Précautions 6
Aperçu 8

Chapitre 2 Préparatifs
Déballage 11
- Choix de l'emplacement 11
- Vérification des accessoires fournis 11
- Réglage du sélecteur de tension 11

Connexions du système 13
- Remarques sur les connexions 13

Nomenclature 15
- Panneau avant 15

Chapitre 3 Exploitation fondamentale
Lecture de disque 17
- Mise en place d'un disque 17
- Lecture d'un disque en entier 19
- Affichage d'informations 19
- Recherche d'une plage donnée 21
- Recherche d'un point précis sur une plage 21
- Lecture directe d'une plage – Repérage automatique 23

Lecture des plages dans un ordre aléatoire 25
- Lecture aléatoire 25
- Lecture aléatoire à effacement 27

Lecture dans un ordre déterminé 29
- Programmation de l'ordre de lecture 29

Lecture des plages souhaitées 33
- Lecture à effacement 33

Lecture de l'introduction de chaque plage 35
- Balayage des intros 35
- Balayage des intros à effacement 37

Lecture répétée 39
- Lecture répétée 39

Entrée/sortie en fondu 41

Chapitre 4 Exploitation avancée
Enregistrement d'un programme 43
- Programmation et enregistrement 43

Programmation de la durée totale de lecture 47
- Montage automatique/Montage exact 47
- Pour démarrer la lecture programmée 51

Sortie en fondu au moment souhaité
- Fondu automatique 53

Localisation de passage à niveau de crêtes
- Recherche de crêtes 55

Insertion d'un espace vierge entre les plages
- Espacement automatique 55

Chapitre 5 Informations supplémentaires
Entretien 57
- Nettoyage du coffret 57
- Nettoyage des disques 57

Spécifications 57
Guide de dépannage 58

Safety Precautions

Before operating the unit, please read the following precautions carefully.

Check the units operating voltage before operation. It must be identical with that of your local power supply. The operating voltage is indicated on the nameplate at the rear of the unit.

Stop operation immediately if any liquid or solid object should fall into the cabinet. Unplug the unit and have it checked by qualified personnel.

Unplug the unit from the wall outlet if you do not use it for a long time. Disconnect the cord by grasping the plug. Never pull the cord itself.
The unit is not disconnected from the mains as long as it is plugged into the wall outlet, even if the unit itself has been turned off.

Do not disassemble the cabinet. The laser beam used in this unit is harmful to the eyes when uncovered. Refer servicing to qualified personnel only.

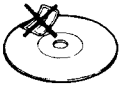
The AC power cord must be changed only at a qualified service shop.

If you have any questions or problems concerning your unit, please contact your nearest Sony dealer.

Notes on handling discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.

- Do not stick paper or tape on the disc.



- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in the temperature.
- After playing, store the disc in its case.

Caution on adjusting volume

Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level portion is played.

Précautions

Avant de mettre en marche l'appareil, veuillez prendre les précautions suivantes:

Vérifier la tension de fonctionnement avant la mise en marche Elle doit être identique à l'alimentation locale. La tension de fonctionnement est indiquée sur la plaque signalétique à l'arrière de l'appareil.

Si un solide ou un liquide venait à tomber dans le coffret, débrancher l'appareil et le faire vérifier par un technicien qualifié avant de le remettre en service.

Débrancher l'appareil s'il ne doit pas être utilisé pendant longtemps. Pour déconnecter le cordon, tirer sur la fiche. Ne jamais tirer sur le cordon proprement dit.
Cet appareil n'est pas déconnecté tant qu'il est branché sur la prise murale, même s'il a été mis hors tension.

Ne pas ouvrir le coffret. Le rayon laser à l'intérieur de l'appareil est dangereux pour les yeux lorsqu'il est découvert. Pour toute réparation, s'en remettre à une personne qualifiée.

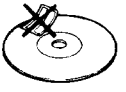
Le cordon d'alimentation secteur ne doit être changé que par un technicien compétent.

Pour toute question ou problème relatif à cet appareil, veuillez contacter votre revendeur Sony le plus proche.

Remarques sur le maniement des disques

- Pour garder un disque propre, le tenir par son arête. Ne pas toucher la surface du disque.

- Ne pas coller de papier ou de ruban adhésif sur le disque.



- Ne pas exposer le disque directement au soleil ou à une source de chaleur, comme une bouche d'air chaud, ou le laisser dans une voiture stationnée en plein soleil, car la température risque de s'élever considérablement à l'intérieur du véhicule.
- Après la lecture, ranger le disque dans son étui.

Avertissement au sujet du volume

Ne pas augmenter le volume lors de l'écoute d'un passage à faible niveau d'entrée ou sans signal audio, sinon les haut-parleurs pourraient être endommagés à la lecture de passage à haut niveau de crête.

Overview

Enjoy listening in various playing modes

You can select playing modes from among the following:
Continuous play (page 18) – The entire disc is played once.
Shuffle play (page 24) – Selections are played in a random order.
Program play (page 28) – Selections are played in your desired order.
Delete play (page 32) – Desired selections are played in the order on the disc.
Repeat play (page 38) – Selections or a portion is played repeatedly.

Playing the beginning of all selections – Music scan

You can play the beginning of each selection consecutively to decide which selection to play. (page 34)

Editing your own tapes

- You can fade the play in or out when making your own tape recording. – Fading in/Fading out (page 40)
- CUSTOM EDIT function
  - You can confirm the total playing time while choosing the selections to be programmed. – Program edit (page 42)
  - The unit can program selections automatically to fit in a desired duration. – Time edit/Just edit (page 46)
  - You can stop the play, fading out at the time desired. – Time fade (page 52)
  - You can locate the portion with the highest volume (the peak of the input level) to adjust the recording level – Peak search (page 54)

Starting a selection exactly from its beginning – Auto cue

You can start a given selection without listening its blank lead-in portion. (page 22)

Making 3-second blanks between selections – Auto space

The blank space enables you to locate selections when using a tape deck with the automatic selection search function. (page 54)

Aperçu

Profitez des modes de lecture variés

Vous avez le choix entre les modes de lecture suivants:
Lecture continue (page 19) – Le disque est lu une fois en entier.
Lecture aléatoire (page 25) – Les plages sont lues dans un ordre aléatoire.
Lecture programmée (page 29) – Les plages sont lues dans l'ordre de votre choix.
Lecture à effacement (page 33) – Les plages souhaitées sont lues dans l'ordre du disque.
Lecture répétée (page 39) – Les plages ou certains passages sont lus de façon répétée.

Lecture des introductions de toutes les plages

– Balayage des intros

Le début de chaque plage est lu successivement et vous permet de choisir la plage souhaitée. (page 35)

Montage de vos propres cassettes

- Vous pouvez démarrer ou terminer la lecture par un fondu pour vos enregistrements sur cassette: Entrée/sortie en fondu (page 41).
- Fonction de montage personnalisé (CUSTOM EDIT)
  - Vous pouvez vérifier le temps de lecture total pendant que vous choisissez les plages à programmer: Montage programmé (page 43).
  - Le lecteur peut programmer automatiquement les plages dans un temps que vous déterminez: Fondu automatique/Montage exact (page 47).
  - Vous pouvez arrêter la lecture et réaliser une sortie en fondu au moment souhaité: Montage automatique (page 53)
  - L'appareil recherche le passage du disque avec le niveau maximum (crête de niveau d'entrée) pour régler le niveau d'enregistrement: Recherche de crête (page 55).

Lecture directe d'une plage – Repérage automatique

Vous pouvez commencer la lecture d'une plage exactement à son début, sans avoir à écouter l'espace blanc précédant (page 23).

Insertion d'espaces vierges entre les plages – Espacement automatique

Un espace vierge vous permettra de repérer les plages, lorsque vous utilisez un lecteur de cassette pourvu de la fonction de recherche automatique de plage (page 55).

Unpacking

Choosing a Good Location

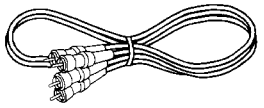
- Place the unit in a location with adequate air circulation to prevent internal heat built up in the unit
- Do not place the unit on a soft surface, such as a rug that might block the ventilation holes on the bottom.
- Do not install the unit:
  - near heat sources such as radiators or air ducts.
  - in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

On moisture condensation

If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. In this case, remove the disc and leave the unit turned on for about an hour until the moisture evaporates.

A

a)



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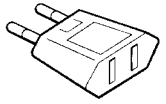


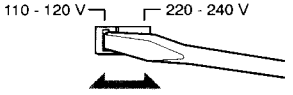
Checking the Supplied Accessories A

Make sure that all supplied accessories are included with your unit. This manual and the following items must be included with your CDP-M33.

a) Audio connecting cord (1)
b) AC plug adapter (1) (except for the United States and Australia)

Do not throw away the carton and the packing material. They will come in handy when transporting the unit or shipping it for servicing.

B



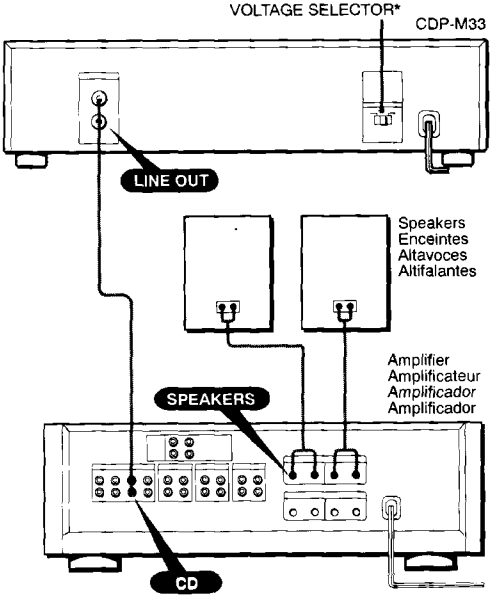
Setting the Voltage Selector B

For customers of the model equipped with the voltage selector

Check to confirm that the voltage selector is set to the local power line voltage. If not, set the voltage selector to the correct position before connecting the AC power cord to a wall outlet.

Hooking Up the System

Connect the unit to an amplifier as shown in Figure.



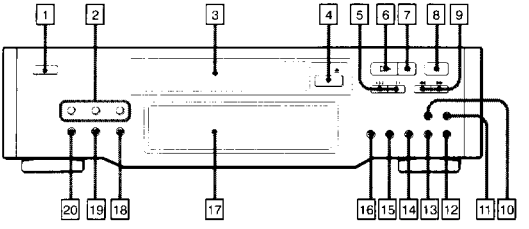
Notes on Connection

- Turn off the power of each unit before making connections. Connect the AC power cord last. For the model supplied with the plug adaptor, use it if the power cord plug does not match your wall outlet.
- Be sure to insert the plugs firmly into the jacks. Loose connection may cause hum and noise.
- Leave a little slack in the connecting cord to allow for inadvertent shock or vibration.
- The supplied audio cord plugs and jacks are color coded. Red plugs and jacks are for the right channel (R) and white ones for the left channel (L).

* **VOLTAGE SELECTOR :** Not equipped with the model for the United States and Australia.

Identifying the Parts

Refer to the pages indicated in parenthesis for details.



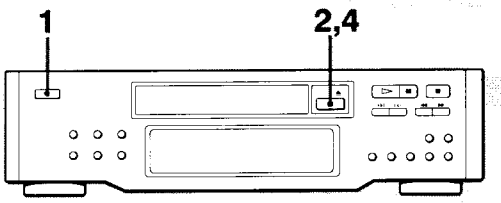
Front Panel

1 POWER switch (16)
2 Play mode buttons
  CONTINUE button (24, 28, 32, 50)
  SHUFFLE button (24, 28, 32, 50)
  PROGRAM button (28, 42)
3 Disc tray (16)
4 ⏏ OPEN/CLOSE button (16)
5 ⏮/⏭ (AMS*) buttons (20, 42)
6 ▶ (play) button (18)
7 ⏸ (pause) button (18)
8 ■ (stop) button (18)
9 ◀◀/▶▶ (manual search) buttons (20, 40)
10 CHECK (program check) button (30)
11 CLEAR (program clear) button (30, 36)
12 MUSIC SCAN button (34)
13 A. SPACE/A. CUE button (22, 54)
14 PEAK SEARCH button (54)
15 TIME SET button (48, 52)
16 EDIT/TIME FADE button (46, 52)
17 Display window (16)
18 FADER button (40)
19 REPEAT button (38)
20 TIME button (18)

* AMS is the abbreviation of Automatic Music Sensor.

Playing a Disc

Before playing a disc, turn on the amplifier and set the input selector to the CD player position.



Inserting a Disc

1 Press the POWER button.
The display window is illuminated.

2 Press the ⏏ OPEN/CLOSE button.
The disc tray comes out.

3 Place the disc on the tray.

4 Close the tray.
The total playing time of the disc and total number of selections are displayed. The music calendar (a)) is also illuminated.

To take out the disc

Press the ⏏ OPEN/CLOSE button.

To play an 8cm (3-inch) CD

Place it on the inner circle of the tray. If the disc is provided with an adaptor, first remove it. Do not put a normal CD (12cm/5-inch) upon an 8 cm CD.

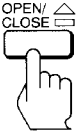
What is this indication?

no dISC

This indication appears when there is no disc on the disc tray.

1

2



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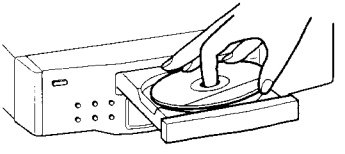

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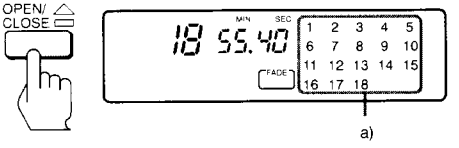
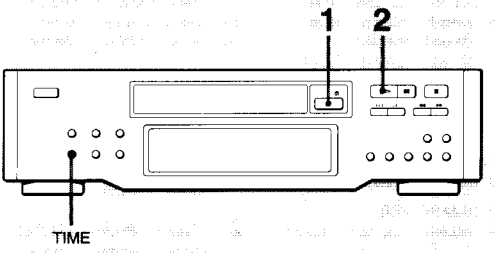
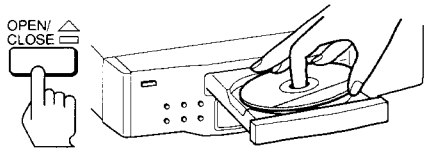


Playing a Disc

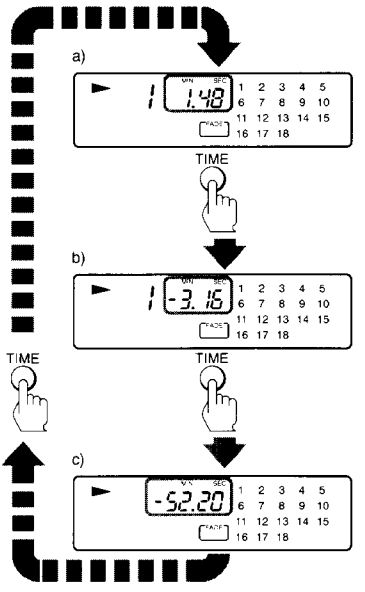


1



2

A



Playing the Entire Disc

1 Press the ⏏ OPEN/CLOSE button and place a disc on the tray.

2 Press the ▶ button.

To stop play

To stop for a moment during play, press the ❚❚ button.
To resume play, press the ❚❚ or ▶ button again.
To stop play, press the ■ button.
To stop play and open the tray, press the ⏏ OPEN/CLOSE button.

If you turn on the power with a disc in the tray

Play begins automatically. By connecting a commercially available timer, disc play can be started at any desired time.

Information Display A

Each time you press the TIME button during play, the display changes to give you the following information.

a) Elapsed playing time
b) Remaining time in a selection
If the current selection number is over 20, "– – . – –" is displayed.
c) Remaining time of the disc
However, "– – . – –" is displayed instead of the actual time in the following cases.
- If a disc with more than 20 selections is being played in shuffle play or delete play mode.
- If any one selection the number of which is greater than 20 has been programmed.

Note

The time display mode selected with the TIME button will not change until the power is turned off.

To check the total time and total number of selections

Press the TIME button in stop mode.
The total number of programmed selections will be displayed if a program is stored.

Locating a Particular Selection

You can locate the beginning of a desired selection.

To locate sequentially

To locate the beginning of the current or preceding selection

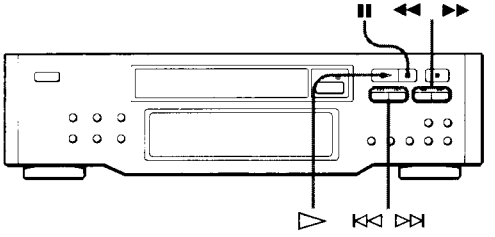
- Press the ⏮ button as many times as required.
- Keep the ⏮ button pressed to skip selections.

To locate the beginning of a succeeding selection

- Press the ⏭ button as many times as required.
- Keep the ⏭ button pressed to skip selections.

When you press the ⏮ button during play

The unit locates the beginning of the selection.



Locating a Particular Point in a Selection

You can also locate a particular point in the disc during play in two ways.

a) To search quickly while monitoring the sound

Forward locating at high speed

Keep the ▶▶ button pressed during play and release it in the desired order.

Reverse locating at high speed

Keep the ◀◀ button pressed during play and release it at the desired point.

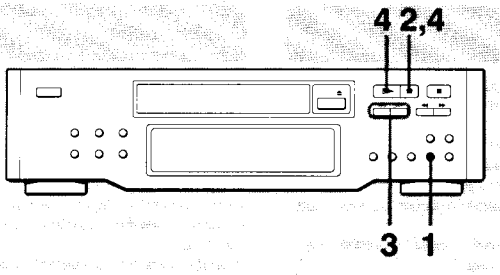
b) To search quickly by observing the display

Press the ❚❚ button, then keep the ◀◀ or ▶▶ button pressed. The search speed will increase, but there will be no sound. Find the desired point by observing the display.

Press the ▶ or ❚❚ button again at the desired point.

When "--" is displayed

If you continuously press the ▶▶ button over the last selection, "--" appears in the display. Press the ◀◀ or ⏮ button to return to normal indication.



Playing a Selection from the beginning - Auto Cue

You can start a given selection just from its exact beginning without listening to its blank lead-in portion.

1 Press the A. SPACE/A. CUE twice.
"A.CUE" appears in the display.

2 Press the ❚❚ button.

3 Press the ⏮ or ⏭ button to choose desired selections.
Having found the beginning of the selection, the unit displays the actual starting time of the selection.

4 Press the ▶ or ❚❚ button.
The selection starts just from its beginning.

To cancel the auto cue function

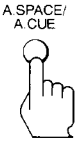
Press the A. SPACE/A. CUE again so that "A.CUE" disappears from the display.

Note

The auto cue may not function correctly in the following cases.

- If a noise is recorded before the selection actually starts.
- If the selection begins fading in slowly.

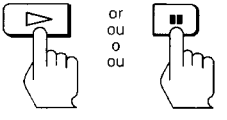
1



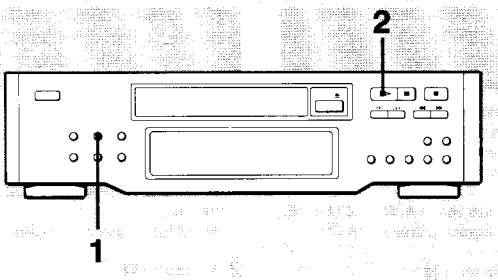
2

3

4



Playing Selections in a Random Order



1

2

You can have the selections played in a random order.
The unit will play all the selections , or just the selections you prefer.

Shuffle Play

The unit plays all the selections in a random order.

1 Press the SHUFFLE button.
"SHUFFLE" appears in the display.

2 Press the ► button.

To cancel shuffle play

Press the CONTINUE button and the unit enters continuous play mode. "SHUFFLE" disappears from the display.

To check the remaining time

Press the TIME button once to see the remaining time of the selection being played; twice to see the total remaining time; once more to return the initial display.

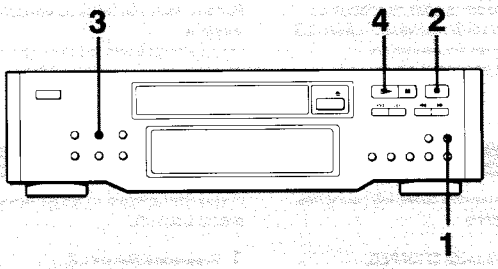
To start shuffle play immediately from the current selection

Press the SHUFFLE button during play and shuffle play begins from the current selection.

What is this indication?

This indication appears while the unit is "shuffling" the selections.

Playing Selections in a Random Order



Delete Shuffle Play

When you delete the undesired selections in continuous play mode, the unit plays just the selections you prefer in shuffle play mode.

1 Press the CLEAR button while your undesired selections are being played.
Your undesired selections are deleted, "OFF" appears in the display, and the next selection is played.

To skip selections
Press the ▶▶I button.

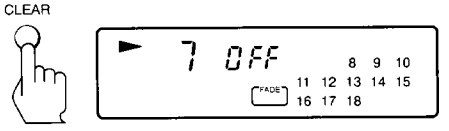
2 Press the ■ button after your undesired selections are deleted.
All the selection numbers that you want to play appear in the display.

3 Press the SHUFFLE button.
"SHUFFLE" appears in the display.

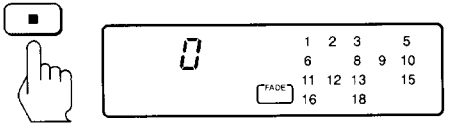
4 Press the ▶ button.
Delete shuffle play starts.

To restore all the selections you have deleted
Press the ■ button in stop mode.

1



2

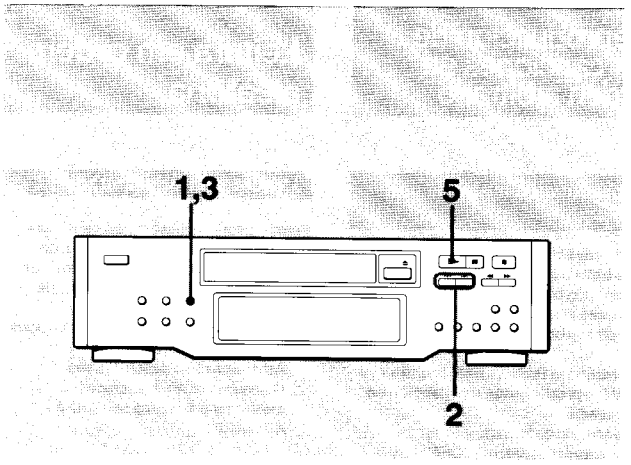


3

4

Playing in a Desired Order

You can make a program by designating up to 24 selections in a desired order. The unit will play the disc according to your program. Concerning the method for recording a program, see page 42.

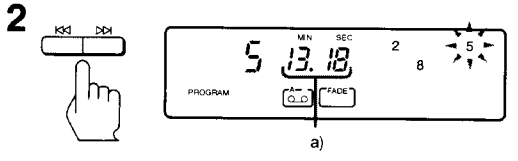


Program Play

1 Press the PROGRAM button.
"PROGRAM" appears in the display.

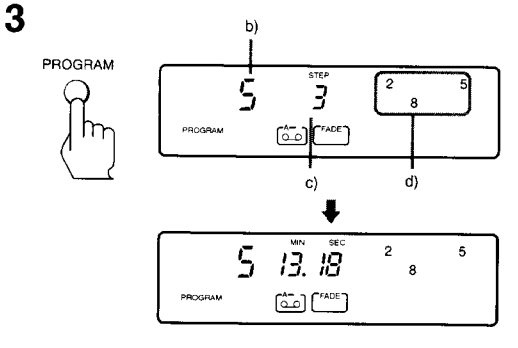
2 Press the ⏮ or ⏭ buttons to choose selections.

The total playing time (a)) is displayed.



3 Press the PROGRAM button.

b) Last programmed selection,
c) The order to be played and
d) Programmed selection numbers are displayed.



If you choose wrong selections
Each time you press the CLEAR button, the last chosen selection is deleted.

4 Select other selections by repeating steps 2 and 3.

5 Press the ▶ button.
Program play starts.

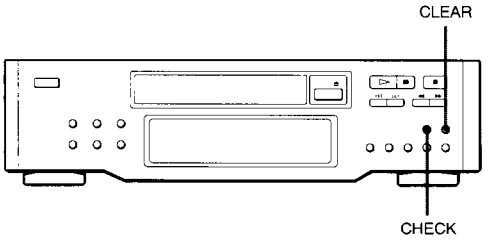
To stop playing
Press the ■ button.
When you press the ▶ button, you can play the same program repeatedly.

To cancel program play
Press the CONTINUE or SHUFFLE button and the unit enters continuous or shuffle play mode respectively. The program will be erased.

If you press the PROGRAM button during play
You can make a program. The selection being played will be the first one in the program.

If the total playing time is not displayed during programming or if "– –. – –" is displayed during play instead of the actual time
- you have programmed a selection number over 20.
- the total time has exceeded 100 minutes.

Playing in a Desired Order



To check your program
Press the CHECK button. The firstselection in the program will be displayed.
Each time you press the CHECK button, the next selection in the program will be displayed. After the last selection "End" will be indicated and the display will soon return to the initial status.
While checking the program for side A, [A] appears and also for side B, [B] appears.

To change your program
You can make the following changes before starting play.

To erase the last selection
Press the CLEAR button. Each time you press the CLEAR button, the last selection in the program will be erased.

To erase the entire program
Press the ■ button once in stop mode; twice during play.
The program is also erased when you turn off the unit or you press the ⏏ OPEN/CLOSE button.

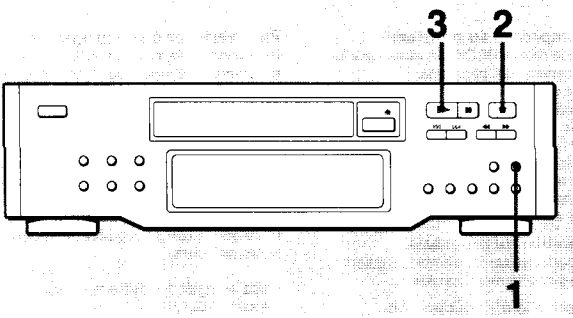
To delete a selection
Press the CHECK button repeatedly until the undesired selection is displayed. Then press the CLEAR button.

To change the order
Press the ■ button in stop mode to erase the program. Then repeat the programming procedure from the beginning.

To adjust the blank spaces between selections
A blank space of 3 seconds will be added after each selection when making a program with the auto space function. Consequently, the increased playing time will be indicated in the display.
See page 56 for details.

To check the remaining time
Press the TIME button once to see the remaining time of the selection being played; twice to see the total remaining time; once more to return to the initial display.
If you have inserted a pause, the display shows the remaining time until the pause.

Playing Only Desired Selections



You can delete undesired selections and play the remaining selections in the continuous play mode.

Delete Play

1 Press the CLEAR button while your undesired selections are being played.
Your undesired selections are deleted, "OFF" appears in the display, and the next selection is played.

To skip selections.
Press the ▶▶I button.

2 Press the ■ button after your undesired selections are deleted.
All the selection numbers that you want to play appear in the display.

3 Press the ▶ button.
Only the remaining selections are played in the numerical order of the disc.

To delete a selection during play

Press the CLEAR button while an undesired selection is being played. The next selection is played.

To restore all the selections you have deleted

Press the ■ button in stop mode.

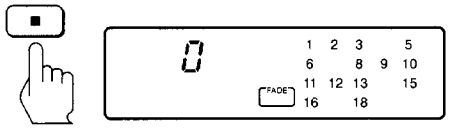
When delete play ends
Selections except deleted ones will be restored.

If you press the SHUFFLE button during delete play
Selections will be played in delete shuffle play mode.

1

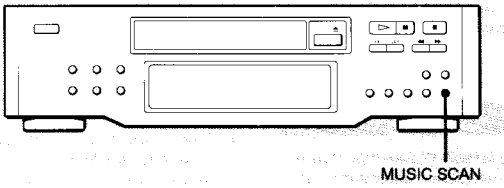
CLEAR

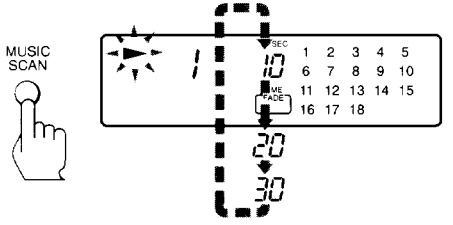
2



3

Playing the Beginning of Each Selection





You can play the beginning of each selection consecutively in any play mode. It is useful for checking the contents of a disc or program. You can choose the playing time of each selection from among 10, 20 and 30 seconds.

Music Scan Play

Press the MUSIC SCAN button in stop mode.

Each time you press the MUSIC SCAN button, the playing time of each selection changes cyclically from 10 to 30 seconds. The ▶ indication in the display blinks and the beginning of each selection is played for the designated period.

To start normal play immediately during scanning

Press the ▶ button. The ▶ indicator in the display stops blinking.

To change the designated playing time during scanning

Press the MUSIC SCAN button consecutively within 3 seconds until the desired playing time appears in the display.

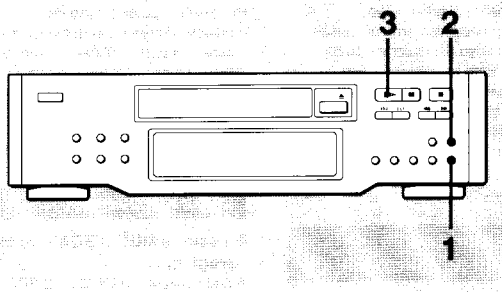
If you press the ◀◀ or ▶▶ button

Music scan play will be cancelled.

Note

Whenever the unit is turned off, scanning time is reset to 10 seconds.

Playing the Beginning of Each Selection



Music Scan Delete Play

You can delete undesired selections while listening to their beginnings either in continuous or shuffle play mode.

1 Press the MUSIC SCAN button in stop mode.

2 Press the CLEAR button at the beginning of an undesired selection.
The number for the selection disappears from the display and the next selection is played.
Repeat the procedure to delete other undesired selections.

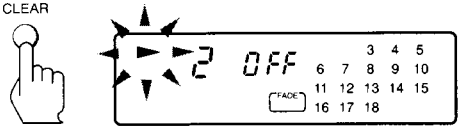
To skip selections
Press the ▶▶I button.

3 Press the ▶ button to play the remaining selections after all the selections have been scanned.

To restore all the selections you have deleted
Press the ■ button in stop mode.

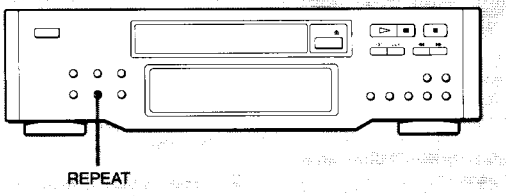
1

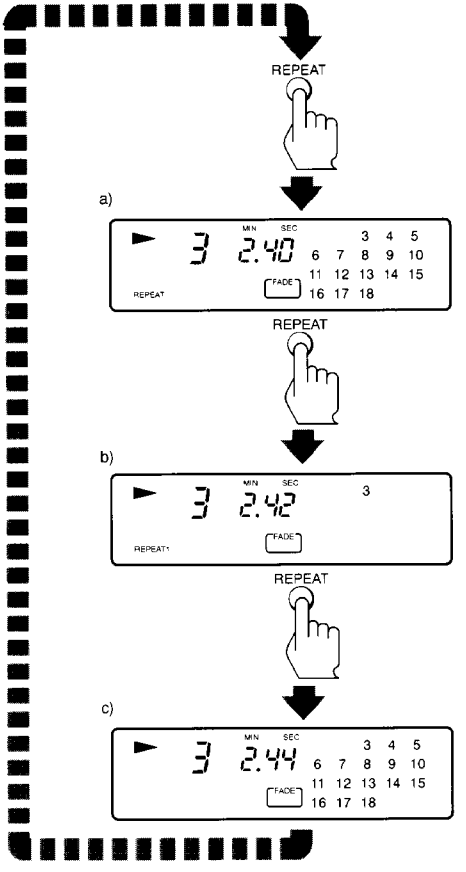
2



3

Playing Repeatedly





You can choose between two different repeat play modes. One repeats all the selections in the current play mode, the other repeats any given selection.

Repeat Play

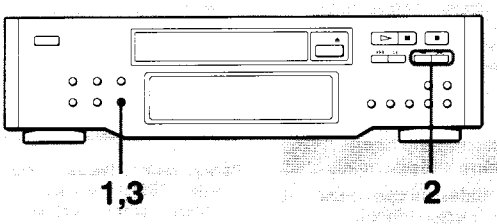
To repeat all selections a)
Press the REPEAT button once.
The unit will repeat in the current play mode.

Play mode	Selections to be repeated
Continuous play	All the selections
Program play	All the programmed selections in the same order
Shuffle play	All the selections that the unit reshuffles
Delete shuffle play	All the remaining selections that the unit reshuffles
Delete play	All the remaining selections

To repeat the current playing selection b)
(only during continuous or delete play)
Press the REPEAT button again.
(Not operable during shuffle, delete shuffle, or program play.)

To cancel repeat play c)
Press the REPEAT button again.
In continuous or delete play mode, "REPEAT 1" disappears.
In any other play mode, "REPEAT" disappears.

Fading In/Fading Out



You can have the play fade in or out from 2 to 10 seconds.

To end play fading out

Press the FADER button when you want to start fading out.
"▮▸▸" flashes in the display, and play fades out and the unit enters pause mode.

To restart play fading in

Press the FADER button in pause mode.
"▸▸▮" flashes in the display.

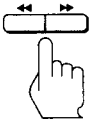
To designate the fading duration

1 Press the FADER button in stop mode.

1

2 Designate the fading duration within the range of 2 to 10 seconds by pressing the ◀◀ or ▶▶ button.

2



3 Press the FADER button again.

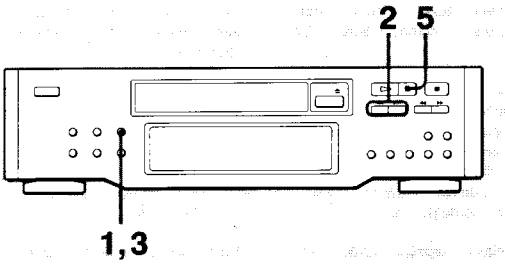
3

If no designation is made, fading will last for 5 seconds.

Note

Whenever the unit is turned off, scanning time is reset to 5 seconds.

Recording a Program



You can make a program by designating up to 24 selections in desired order . At the same time, you can adjust the total playing time of the program, so that you can make the program fit the length of a tape when recording.

Programming and Recording

1 **Press the PROGRAM button.**
"PROGRAM" appears in the display.

2 **Press the ⏮ or ⏭ button to change a selection and check the time. – Program edit**
If satisfactory, go to the next step. If not, choose another selection.

a) Last programmed selection,
b) Total playing time of selections
c) Programmed selection numbers are displayed . (The total playing time will not be displayed if you program a selection number over 20 or the total playing time exceeds 100 minutes.)

3 **Press the PROGRAM button to store the selection.**
Step number appears in the display for a while.

If you choose wrong selections
Each time you press the CLEAR button, the last chosen selection is deleted.

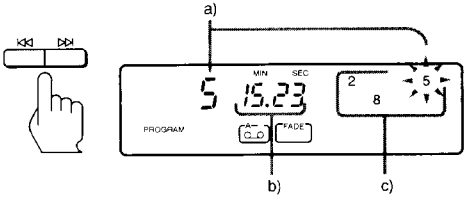
4 **Select other selections for side B by repeating steps 2 and 3.**

5 **Press the ⏸ button to make a program for side B.**
"P" is displayed in the display and the total playing time is reset to 0. A pause is also counted as a selection.

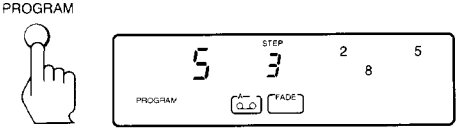
(to be continued)

1

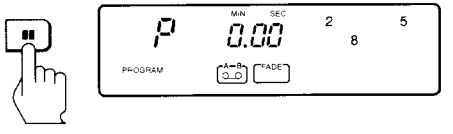
2

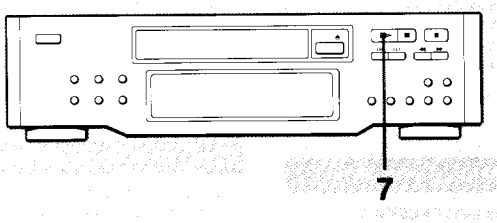


3



5





7

(continued)

6 Program selections for side B by repeating steps 3 and 4.

7 Start recording on the cassette deck and press the ► button.
You had better start recording on the cassette deck first to transport the leader tape before pressing the ► button on this unit.

To play the selections for side B
When the selections for side A are played, the unit enters pause mode. Reverse the tape, then press the ► or ❚❚ button.

To check your program
See page 30.

To change your program
See page 30.

To adjust the blank spaces between selections
A blank space of 3 seconds will be added after each selection. The playing time of each selection will increase by 3 seconds. Consequently, the increased playing time will be indicated in the display. See page 56 for details.

To make a program only for one side of a tape
You can skip steps 5 and 6.

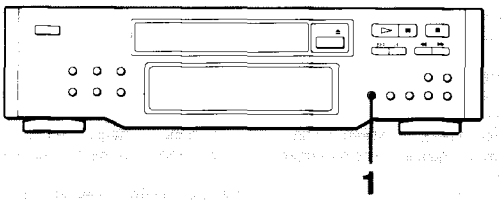
To check the remaining time
Press the TIME button once to see the remaining time of the selection being played; twice to see the total remaining time; once more to return to the initial display.
If you have inserted a pause, the display shows the remaining time until the pause.

What is the tape indicator?
During program play, the tape indicator shows you which side of the program is being played.

: Program A is being played.

: Program A has been played and the unit is in pause mode, or program B is being played.

Designating the Total Playing Time



1

EDIT/
TIME FADE

You can designate a playing time and the unit will make 2 different programs of selections each fitting within that period. These programs can contain up to a total of 24 selections.
Use this function, by designating the length of your tape, for editing both sides of a tape. There are two types of editing: Time edit and just edit.

Time edit : set the playing time of each program within the designated time automatically, by choosing selections in numerical order which changes as little as possible

Just edit : sets the playing time of each program exactly (if impossible, approximately) with the designated time, by choosing selections without respect to numerical order.

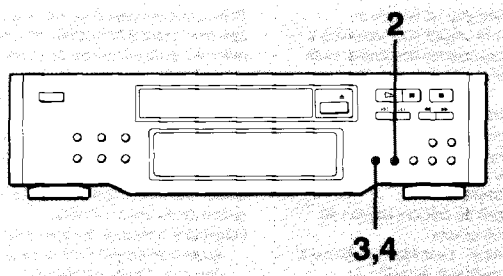
You can also program desired selections by priority. In this case, you can designate desired selections beforehand and the remaining selections will be programmed to fit in the remaining time.
A blank space of 3 seconds will be added after each selection when making programs with the auto space function. The playing time of each selection will increase by 3 seconds. Consequently, the increased playing time will be indicated in the display. (see page 54).

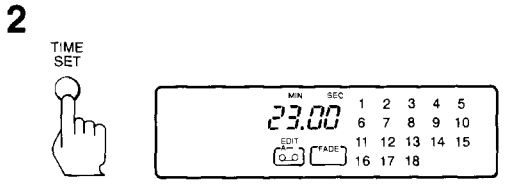
Operating Time Edit/Just Edit

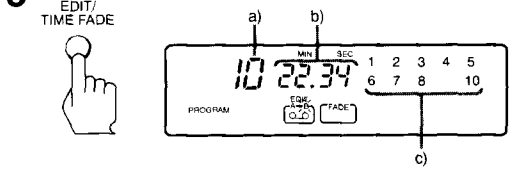
1 Press the EDIT/TIME FADE button and display "EDIT" (TIME EDIT) or "JUST EDIT".

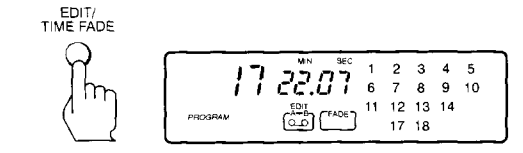
To choose time edit, press the EDIT/ TIME FADE button once.
"EDIT" appears in the display.
To choose just edit, press the EDIT/ TIME FADE button twice.
"JUST EDIT" appears in the display.

(to be continued)









Designating the Total Playing Time

(continued)

2 Press the TIME SET button to designate the time.

Each time you press the TIME SET button, the display changes to give you the following durations :

HALF — C-46 (23.00 min) — C-54 (27.00 min) — C-60 (30.00 min)
C-90 (45.00 min) — C-74 (37.00 min)

When you select HALF, the playing time of each program is set to a half of the total playing time of the disc.
However, programming for time edit and just edit are performed in different ways.

Time edit : divides all the selections of the disc into two programs *without changing their order.*

Just edit : programs selections by *changing their order so that the* length of each program becomes *half the total playing time of the* disc. However the program for side A *will be a little longer than* that of side B since the unit *distributes all the selections.*

Note

HALF cannot be set on a disc with more than 20 selections

3 Press the EDIT/TIME FADE button.

The selections for side A are determined automatically.

a) The last selection to be recorded,
b) Total playing time and
c) Selections to be recorded on side A are displayed.

4 Press the EDIT/TIME FADE button once more while "B" in the tape indicator is blinking.

Another program for the other side is completed.

Designating the Total Playing Time

If "LINK" blinks and "EDIT" does not disappear

You can add some selections whose playing times are shorter than the remaining time of each program, after all the selections on the disc are programmed. "LINK" and the selection numbers will blink. (See Fig. A.)

You can add the selections by pressing the EDIT/TIME FADE button once more to utilize the remaining time.

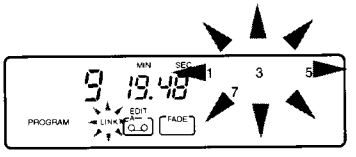
"EDIT" disappears when there is no selction left which you can add to the program.

If the unit takes time to carry out the just edit

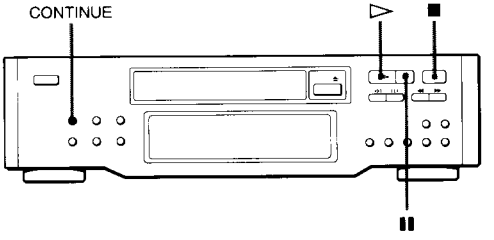
There are many selections in the disc. In this case, press the ■ button.

Programming procedure will be stopped at that time but you can still have the program selected, the length of which is not your designated time but very close to it.

A



B



Playing the program B

Press the ▶ button.

The selections for side A will be played and then the unit will pause. Reverse the tape, then press the ▶ or ❚❚ button. The selections for side B will be played.

To cancel the edit

Press the CONTINUE or SHUFFLE button and the unit enters continuous or shuffle play mode respectively.

The program will be erased.

To check the program

See page 30.

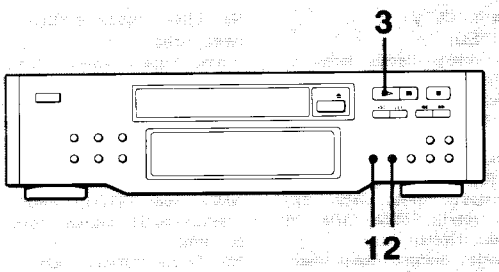
To designate a different time for each side

Execute steps 1 to 3 on pages 46 - 48, then press ❚❚. Then execute steps 2 to 3 for the other side.

If your disc has more than 20 selections

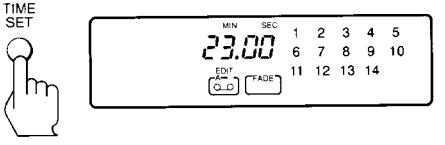
Selections over number 20 cannot be programmed with the time and the just edit function; use the programming procedure on page 42 - 44.

Fading Out at the Desired Time – Time Fade



1

2



3

You can end the play fading out by designating the play duration. Once the time fade is set, it functions twice for editing both sides of a tape. You can change discs without cancelling this function and use it in any play mode.

1 Press the EDIT/TIME FADE button three times in stop mode, (or press it once in pause mode).
"TIME FADE" and "A" in the tape indicator displayed in the display.

2 Press the TIME SET button to set the desired play duration.

Each time you press the TIME SET button, the play duration for one side of the tape is displayed as follows.

HALF — C-46 (23.00 min) — C-54 (27.00 min) — C-60 (30.00 min)
C-90 (45.00 min) — C-74 (37.00 min)

3 Press the ► button to start playing.
Before the unit enters pause mode at the set time with "B" lit in the tape indicator, play starts fading out.

To start play for the other side of the tape

Press the ► or ❚❚ button.
The unit enters pause mode at the set time by fading out for a specified duration.
When this play ends, time fade is cancelled.

To cancel time fade

Press the EDIT/TIME FADE button again.
Time fade is also cancelled when the ◄◄ or ►► button is kept pressed.

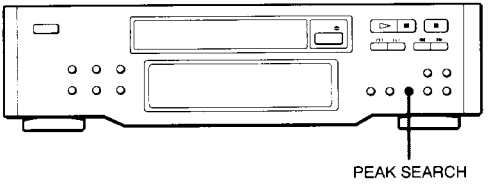
To display the time remaining until the set time

Press the TIME button twice.

When play ends within the designated period

Time fade function is kept active. Change discs and start play. When the total playing time of the discs reaches the designated period, the unit pauses by fading out.

Locating the Portion with the Highest Level – Peak Search



You can locate the portion with the highest input level of the disc to adjust the recording level.

Before starting play, press the PEAK SEARCH button.
"PEAK" flashes in the display as the peak search begins functioning.
Upon completing the search, the unit starts repeating the portion with the peak volume so that you can adjust the recording level.

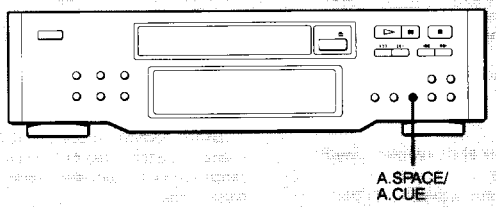
To cancel the peak search

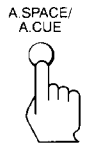
- Press the ■ button. "PEAK" disappears from the display.
- Press the ► button to start play from the first selection.
- Press the ❚❚ button to put the unit into pause mode at the beginning of the first selection.

On peak search

The unit scans input levels of the whole disc and determines the peak (maximum input level) among them. The peak determined with this function is sometimes slightly different from the real one. In addition, portions determined as a peak vary each time this function is carried out on the same disc. The difference between the determined and the real peak is however, negligible and will not prevent you from adjusting the recording level.

Inserting a Blank Space between Selections – Auto Space





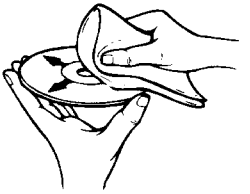
You can insert a 3-second blank space between each selection. The blank space enables you to locate selections when using a tape deck with automatic selection search function.

Before starting play, press the A.SPACE/A.CUE button once so that "A. SPACE" appears in the display.
A blank space of approximately 3 seconds will be added after each selection. The playing time of each selection will increase by 3 seconds. Consequently, the increased playing time will be indicated in the display.

To cancel the auto space function

Press the A.SPACE/A.CUE button so that "A.SPACE" disappears from the display.

A



Maintenance

To keep the unit in good condition, clean the unit and discs periodically.

Cleaning Your Unit

Clean the cabinet, panel and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

Cleaning Discs A

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center outwards.

Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for analog discs.

Specifications

Compact disc player

Frequency response	2 Hz to 20 kHz ±0.5 dB
Signal-to-noise ratio	More than 93 dB
Dynamic range	More than 90 dB
Harmonic distortion	Less than 0.008%
Channel separation	More than 90 dB

Outputs

LINE OUT (FIXED)	Output level 2 V (at 50 kilohms) Load impedance over10 kilohms

General

Power requirements	U.S model: 120 V AC, 60 Hz Australian model: 240 V AC, 50 Hz Model for other countries: 110 – 120 V/220 – 240 V AC, adjustable with the voltage selector, 50/60 Hz
Power consumption	11 W
Dimensions (approx., including projections)	355 × 95 × 325 mm (w/h/d) (14 × 3 3/4 × 12 7/8 inches)
Weight (approx.)	3.2 kg (7 lbs 1 oz)

Supplied accessories

Audio cord	(1) (2 phono plugs – 2 phono plugs)
AC plug adaptor	(1) (except for the United States and Australia)

Design and specifications are subject to change without notice.

Troubleshooting Guide

Before going through the check list below, first refer back to the connections and operating procedures.
Should any problem persist after you have made these checks, consult your nearest Sony service facility.

Symptom	Cause	Remedy
The disc tray does not close.	The disc is not placed correctly.	Place the disc correctly on the disc tray.
Play does not start.	Dirty disc.	Clean the disc.
	The disc is inserted upside down.	Insert the disc with the printed side up.
	▮▮ is engaged.	Press the ▶ or ▮▮ button again to release it.
	Moisture condensation.	Leave the unit turned on for approximately one hour.
Sound is not heard.	Loose connection.	Insert the plug firmly.
	Connection is incorrect.	Check the connection referring to "Hooking Up the System".
Play does not begin from the first selection.	The unit is in the program or shuffle mode.	Press the CONTINUE button.
Operation is not possible.	The internal control program may not be functioning.	Turn off the power and turn it on again.

Guide de dépannage

Avant de passer en revue cette liste, reportez-vous aux procédures de connexions et de fonctionnement.
Si le problème persiste après toutes ces vérifications, veuillez consulter votre centre de service après-vente Sony le plus proche.

Problèmes	Causes	Remèdes
Le plateau ne se ferme pas.	Le disque n'est pas placé correctement.	Le placer correctement.
La lecture ne commence pas.	Le disque est sale.	Nettoyer le disque.
	Le disque est à l'envers.	Le remettre face imprimée vers le haut.
	Le lecteur est en mode de pause.	Appuyer de nouveau sur la touche ▶ ou ▮▮ pour annuler la pause.
	Il y a condensation d'humidité.	Laisser le lecteur sous tension pendant environ une heure.
Pas de son.	Connexion relâchée.	Brancher les fiches des cordons à fond.
	Mauvaise connexion	La vérifier en consultant "Connexions du système".
La lecture ne commence pas par la première plage.	L'appareil est en mode le lecture programmée ou aléatoire.	Appuyer sur la touche CONTINUE.
Aucune opération n'est possible.	Le programme de commande interne ne s'est peut-être pas enclenché.	Mettre l'appareil hors tension puis le remettre sous tension.